LAPORAN PRAKTIKUM SISTEM OPERASI

PRAKTIKUM SISTEM FILE

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2025/2026

KATA PENGANTAR

Puji syukur saya panjatkan kepada Tuhan Yang Maha Esa atas segala rahmat dan karunia-Nya, sehingga saya dapat menyelesaikan tugas praktikum ini dengan baik. Tugas praktikum ini disusun untuk memenuhi salah satu syarat dalam mata kuliah sistem operasi dengan materi PRAKTIKUM SISTEM FILE yang dilaksanakan pada Semester 1 dengan tujuan untuk mendalami dan memahami konsep-konsep praktis yang telah dipelajari selama perkuliahan.

1.

```
Welcome to Cloud Shell! Type "help" to get started, or type "gemini" to try prompting with Gemini CLI.
To set your Cloud Platform project in this session use `gcloud config set project [PROJECT_ID]`.
You can view your projects by running `gcloud projects list`.
zahwaaamirrr@cloudshell:~$ id
uid=1000(zahwaaamirrr) gid=1000(zahwaaamirrr) groups=1000(zahwaaamirrr),4(adm),27(sudo),996(docker)
zahwaaamirrr@cloudshell:~$ grep zahwaaamirrr /ect/passwd
grep: /ect/passwd: No such file or directory
zahwaaamirrr@cloudshell:~$ grep 1000 /ect/group
grep: /ect/group: No such file or directory
zahwaaamirrr@cloudshell:~$ ls -ld /home/zahwaaamirrr
drwxr-x--- 13 zahwaaamirrr zahwaaamirrr 4096 Nov 19 14:26 /home/zahwaaamirrr
zahwaaamirrr@cloudshell:~$ touch f1 f2 f3
zahwaaamirrr@cloudshell:~$ ls -l
total 24
drwxrwxr-x 2 zahwaaamirrr zahwaaamirrr 4096 Nov 14 08:28 aplikasi
-rw-rw-r-- 1 zahwaaamirrr zahwaaamirrr    0 Dec 11 13:31 f1
-rw-rw-r-- 1 zahwaaamirrr zahwaaamirrr    0 Dec 11 13:31 f2
-rw-rw-r-- 1 zahwaaamirrr zahwaaamirrr    0 Dec 11 13:31 f3
drwxrwxr-x 2 zahwaaamirrr zahwaaamirrr 4096 Nov 14 08:30 mega
drwxrwxr-x 2 zahwaaamirrr zahwaaamirrr 4096 Nov 14 07:16 mydir
drwxrwxr-x 2 zahwaaamirrr zahwaaamirrr 4096 Nov 14 08:04 program1
-rwxr-xr-x 1 zahwaaamirrr zahwaaamirrr  913 Dec 11 13:22 README-cloudshell.txt
drwxrwxr-x 3 zahwaaamirrr zahwaaamirrr 4096 Nov 19 14:38 zahwa
zahwaaamirrr@cloudshell:~$ chmod u+x f1
zahwaaamirrr@cloudshell:~$
```

2.
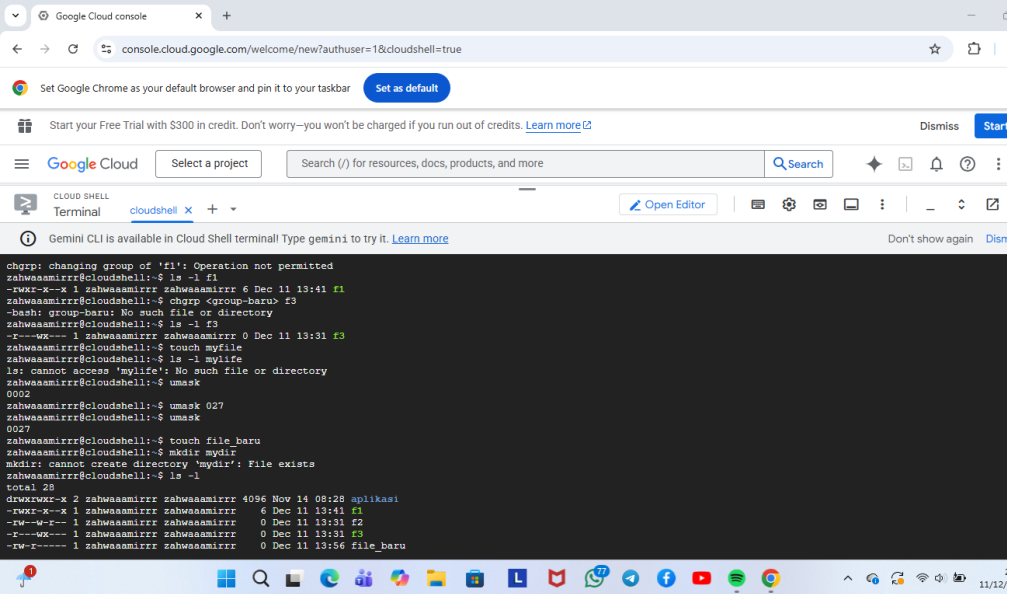
```
zahwaaamirrr@cloudshell:~$ chmod u+x f1
zahwaaamirrr@cloudshell:~$ ls -l f1
-rwxrw-r-- 1 zahwaaamirrr zahwaaamirrr 0 Dec 11 13:31 f1
zahwaaamirrr@cloudshell:~$ chmod g=w f1
zahwaaamirrr@cloudshell:~$ ls -l f1
-rwx-w-r-- 1 zahwaaamirrr zahwaaamirrr 0 Dec 11 13:31 f1
zahwaaamirrr@cloudshell:~$ chmod o-r f1
zahwaaamirrr@cloudshell:~$ ls -l f1
-rwx-w---- 1 zahwaaamirrr zahwaaamirrr 0 Dec 11 13:31 f1
zahwaaamirrr@cloudshell:~$ chmod a=x f2
zahwaaamirrr@cloudshell:~$ ls -l f2
---x--x--x 1 zahwaaamirrr zahwaaamirrr 0 Dec 11 13:31 f2
zahwaaamirrr@cloudshell:~$ chmod u=x,g-r,o=w f3
chmod: invalid mode: 'u=x,g-r,o=w'
Try 'chmod --help' for more information.
zahwaaamirrr@cloudshell:~$ ls -l f3
-rw-rw-r-- 1 zahwaaamirrr zahwaaamirrr 0 Dec 11 13:31 f3
zahwaaamirrr@cloudshell:~$ chmod 751 f1
zahwaaamirrr@cloudshell:~$ chmod 624 f2
zahwaaamirrr@cloudshell:~$ chmod 430 f3
zahwaaamirrr@cloudshell:~$ ls -l f1 f2 f3
-rwxr-x--x 1 zahwaaamirrr zahwaaamirrr 0 Dec 11 13:31 f1
-rw--w-r-- 1 zahwaaamirrr zahwaaamirrr 0 Dec 11 13:31 f2
-r---wx--- 1 zahwaaamirrr zahwaaamirrr 0 Dec 11 13:31 f3
zahwaaamirrr@cloudshell:~$
```
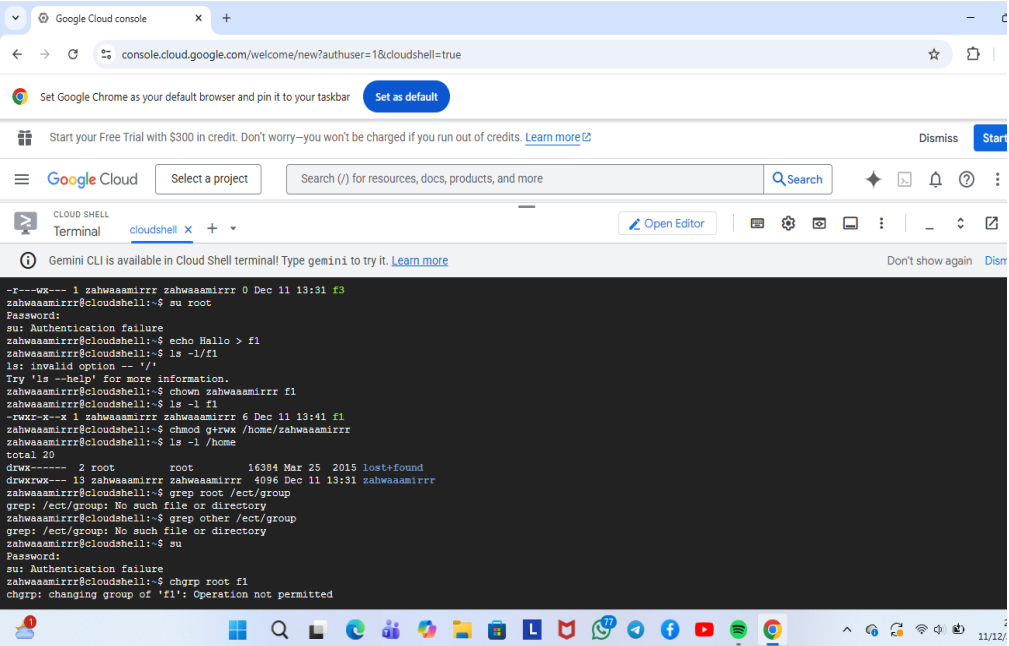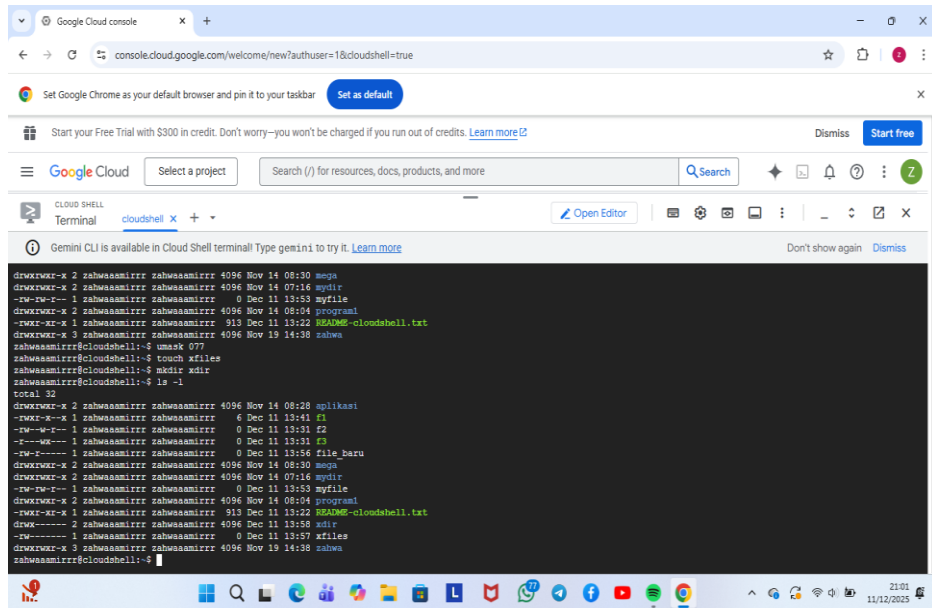
3.


```
chgrp: changing group of 'f1': Operation not permitted
zahwaaamirrr@cloudshell:~$ ls -l f1
-rwxr-x--x 1 zahwaaamirrr zahwaaamirrr 6 Dec 11 13:41 f1
zahwaaamirrr@cloudshell:~$ chgrp <group-baru> f3
-bash: group-baru: No such file or directory
zahwaaamirrr@cloudshell:~$ ls -l f3
-r---wx--- 1 zahwaaamirrr zahwaaamirrr 0 Dec 11 13:31 f3
zahwaaamirrr@cloudshell:~$ touch myfile
zahwaaamirrr@cloudshell:~$ ls -l mylife
ls: cannot access 'mylife': No such file or directory
zahwaaamirrr@cloudshell:~$ umask
0002
zahwaaamirrr@cloudshell:~$ umask 027
zahwaaamirrr@cloudshell:~$ umask
0027
zahwaaamirrr@cloudshell:~$ touch file_baru
zahwaaamirrr@cloudshell:~$ mkdir mydir
mkdir: cannot create directory 'mydir': File exists
zahwaaamirrr@cloudshell:~$ ls -l
total 28
drwxrwxr-x 2 zahwaaamirrr zahwaaamirrr 4096 Nov 14 08:28 aplikasi
-rwxr-x--x 1 zahwaaamirrr zahwaaamirrr    6 Dec 11 13:41 f1
-rw--w-r-- 1 zahwaaamirrr zahwaaamirrr    0 Dec 11 13:31 f2
-r---wx--- 1 zahwaaamirrr zahwaaamirrr    0 Dec 11 13:31 f3
-rw-r----- 1 zahwaaamirrr zahwaaamirrr    0 Dec 11 13:56 file_baru
```

4.


```
-r---wx--- 1 zahwaaamirrr zahwaaamirrr 0 Dec 11 13:31 f3
zahwaaamirrr@cloudshell:~$ su root
Password:
su: Authentication failure
zahwaaamirrr@cloudshell:~$ echo Hallo > f1
zahwaaamirrr@cloudshell:~$ ls -l/f1
ls: invalid option -- '/'
Try 'ls --help' for more information.
zahwaaamirrr@cloudshell:~$ chown zahwaaamirrr f1
zahwaaamirrr@cloudshell:~$ ls -l f1
-rwxr-x--x 1 zahwaaamirrr zahwaaamirrr 6 Dec 11 13:41 f1
zahwaaamirrr@cloudshell:~$ chmod g+rwx /home/zahwaaamirrr
zahwaaamirrr@cloudshell:~$ ls -l /home
total 20
drwx------  2 root        root         16384 Mar 25  2015 lost+found
drwxrwx--- 13 zahwaaamirrr zahwaaamirrr  4096 Dec 11 13:31 zahwaaamirrr
zahwaaamirrr@cloudshell:~$ grep root /ect/group
grep: /ect/group: No such file or directory
zahwaaamirrr@cloudshell:~$ grep other /ect/group
grep: /ect/group: No such file or directory
zahwaaamirrr@cloudshell:~$ su
Password:
su: Authentication failure
zahwaaamirrr@cloudshell:~$ chgrp root f1
chgrp: changing group of 'f1': Operation not permitted
```

5.

6.